

FPT3000 Portable Tester Assembly

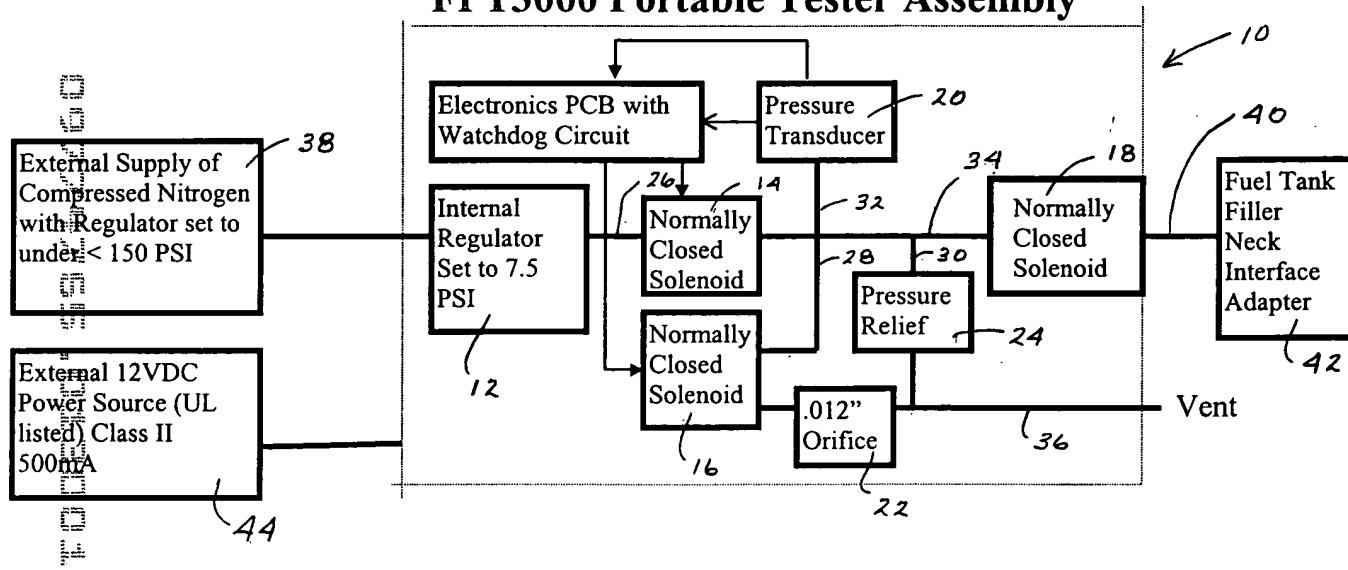
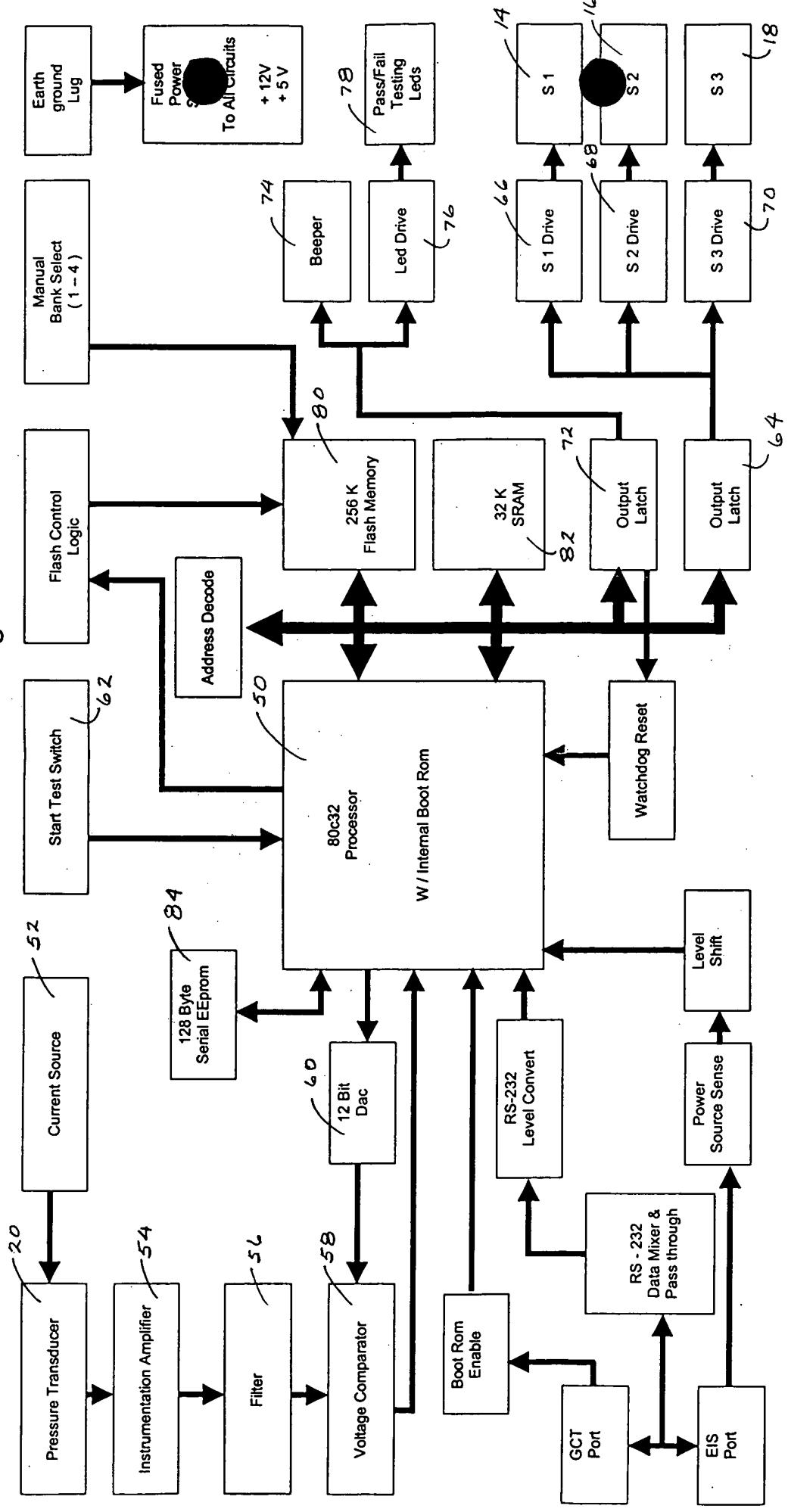


FIG. 1

FPT 3000 Evaporative System Pressure Tester Electronics Block Diagram



F1G.2

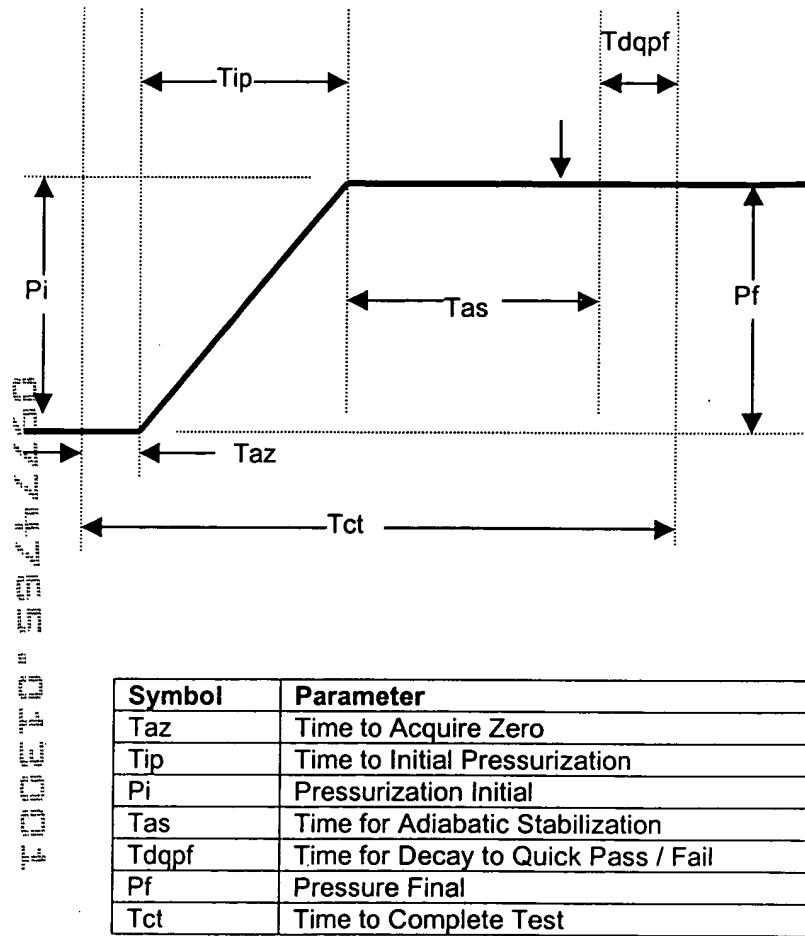
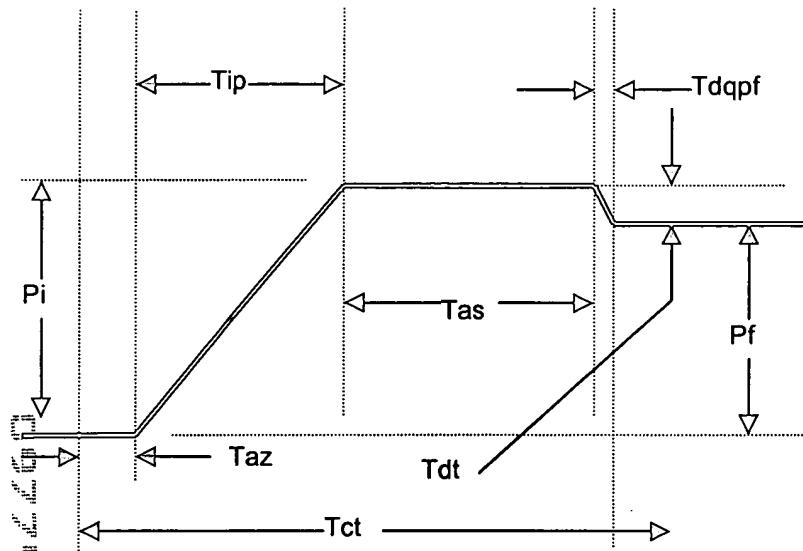
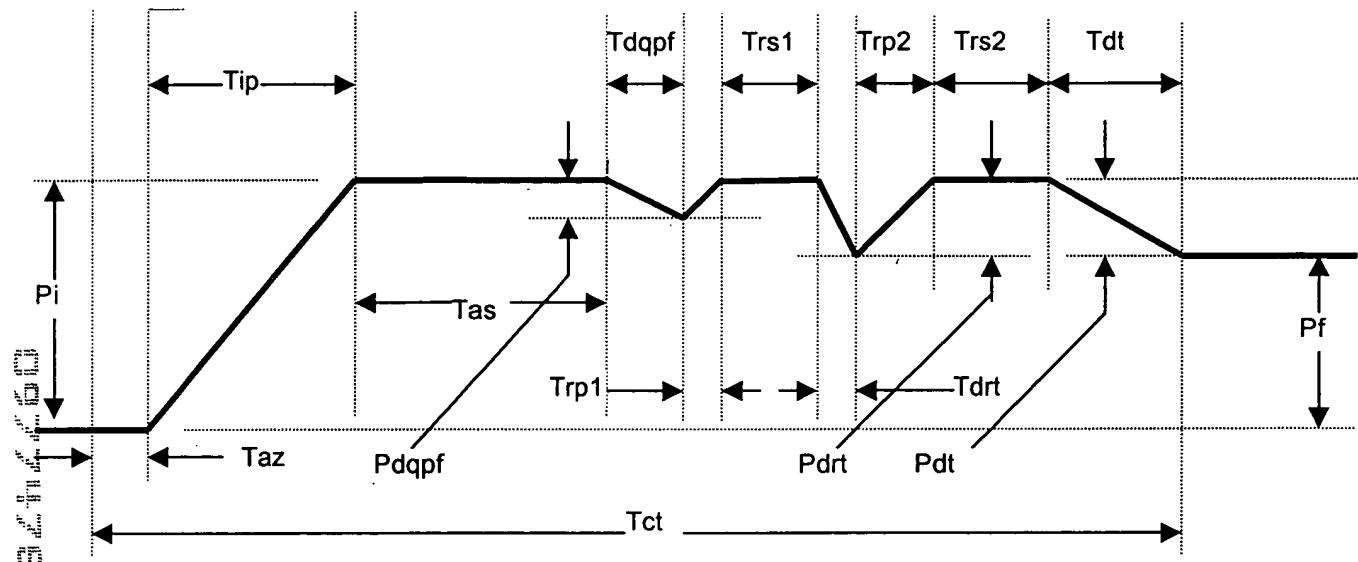


FIG. 3



Symbol	Parameter	Typ.	Unit
T_{az}	Time to Acquire Zero	5	Seconds
T_{ip}	Time to Initial Pressurization	60	Seconds
P_i	Pressurization Initial	14.5	Inches H ₂ O
T_{as}	Time for Adiabatic Stabilization	60	Seconds
T_{dqpf}	Time for Decay to Quick Pass / Fail	5	Seconds
P_{dpf}	Pressure Decay to Quick Pass / Fail	0.75	Inches H ₂ O
P_f	Pressure Final	14.5	Inches H ₂ O
T_{ct}	Time to Complete Test	130	Seconds

FIG. 4



Symbol	Parameter	Typ.	Unit
Taz	Time to Acquire Zero	5	Seconds
Tip	Time to Initial Pressurization	60	Seconds
Pi	Pressurization Initial	14.5	Inches H ₂ O
Tas	Time for Adiabatic Stabilization	60	Seconds
Tdqp	Time for Decay to Quick Pass / Fail	20	Seconds
Pdqp	Pressure Decay to Quick Pass / Fail	0.75	Inches H ₂ O
Trp1	Time to Recover Pressure 1	5	Seconds
Trs1	Time to Recover Stability 1	30	Seconds
Tdr	Time for Decay Reference and Tank	20	Seconds
Pdt	Pressure Decay for Reference and Tank	1.5	Inches H ₂ O
Trp2	Time to Recover Pressure 2	10	Seconds
Trs2	Time to Recover Stability 2	30	Seconds
Tdt	Time to decay Tank	40	Seconds
Pdt	Pressure Decay Tank	1.5	Inches H ₂ O
Pf	Pressure Final	13.0	Inches H ₂ O
Tct	Time to Complete Test	280	Seconds

FIG. 5